Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application. Since the Amendments to the Claims listed in the Amendment After Final dated June 13, 2005 were not entered, the claims have been amended from their prior form dating back to the Amendment dated October 26, 2004.

Listing of Claims:

1. (Currently Amended) A binary decision diagram package comprising:

an arrangement for identifying at least two nodes in a graph;

said identifying arrangement ~~being adapted to~~ configured to assign integer numbers to different nodes, ~~whereby~~ resulting in precluding the use of pointers ~~is precluded~~ and maintaining at least a partial ~~an~~ order among the nodes ~~is maintained~~.

2. (Currently Amended) The package according to Claim 1, wherein said identifying arrangement is ~~adapted~~ configured to assign consecutive integer numbers to different nodes.

3. (Currently Amended) The package according to Claim 1, wherein said identifying arrangement is ~~adapted~~ configured to assign to a given node an integer number which coincides with an index in a memory array in which the node resides.

4. (Currently Amended) The package according to Claim 1, wherein said identifying arrangement is ~~adapted~~ configured to access an indexed node via a paging

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access scheme.

5. (Currently Amended) The package according to Claim 4, wherein said identifying arrangement is ~~adapted~~ configured to access an indexed node via a two-step paging access scheme.

6. (Currently Amended) The package according to Claim 1, wherein said identifying arrangement is ~~adapted~~ configured to avoid the use of reference counts.

7. (Original) The package according to Claim 1, wherein the graph is a directed acyclic graph.

8. (Currently Amended) A method of employing a binary decision diagram package, said method comprising the steps of:

identifying at least two nodes in a graph;

said identifying step comprising assigning integer numbers to different nodes, ~~whereby~~ resulting in precluding the use of pointers ~~is precluded~~ and maintaining at least a partial ~~an~~ order among the nodes ~~is maintained~~.

9. (Original) The method according to Claim 8, wherein said assigning step comprises assigning consecutive integer numbers to different nodes.

10. (Original) The method according to Claim 8, wherein said assigning step comprises assigning to a given node an integer number which coincides with an index in a memory array in which the node resides.

11. **(Original)** The method according to Claim 8, wherein said identifying step comprises accessing an indexed node via a paging access scheme.

12. **(Original)** The method according to Claim 11, wherein said accessing step comprises accessing an indexed node via a two-step paging access scheme.

13. **(Previously Presented)** The method according to Claim 8, wherein said identifying step includes avoiding the use of reference counts.

14. **(Previously Presented)** The method according to Claim 8, wherein the graph is a directed acyclic graph.

15. **(Currently Amended)** A program storage device readable by machine, tangibly embodying a program of instructions executable by the machine to perform method steps for employing a binary decision diagram package, said method comprising the steps of:

identifying at least two nodes in a graph;

said identifying step comprising assigning integer numbers to different nodes, ~~whereby~~ resulting in precluding the use of pointers ~~is precluded~~ and maintaining at least a partial ~~an~~ order among the nodes ~~is maintained~~.